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data-initialpayload={} data-apiendpoint=/aem/support/cstapi/category/retrieveCategoryList data-modalfootertext=This manual includes business-only products. The images may vary slightly from the actual products. data-troubleshootmodaltitle=What's going wrong with your product? data-modalsubtitle=Please select the categories/products under Model Name/Nombre de Modelo * =color number/número de colorP/No. Copyright © 2014 - 2018 LG Electronics Inc. All Rights Reserved. ENGLISH: Read this manual carefully before using the refrigerator and keep it for future reference. Page 2 English Version Spanish Version 47 Important Safety Instructions Requirements for Ground Connection Parts and Features -7 Refrigerator Installation 8-15 Unpacking 8 Installation 9 How to remove and install Handle 10 How to remove and Install the Refrigerator Doors 13-14 Closing and Aligning the doors 15 Using your Refrigerator 16-27 Control Panel Features 16 The LED Display 17 Adjusting temperatures and display 18 Operating the dispenser 19 Setting functions 20 Spaceplus Ice System 21 Automatic Icemaker 22 Adjusting Control Settings 23 Food Storage Guide 24 Storing Frozen Food 25 Refrigerator Section 26-27 Refigerator Shelves 26 Crisper Humidity Control 26 Door Racks 26 Dairy Compartment 26 Dispenser Drip Tray 26 Freezer Section 28-34 Refrigerator Care and Cleaning 28 Outside 28 Inside Walls 28 Door Lining & Gaskets 28 Plastic Parts (Covers and Panel) 28 Back Cover 29 Replacing Lights 30 Power Interruptions 31 When Going on Vacation 32 When Moving 33 Water Filter (Type 1) 34 Performance Data Sheet (Type 1) 35-37 Troubleshooting Guide 38-40 Smart Diagnosis 41 Warranty 42 Certificate for California 34 NEVER disconnect the refrigerator by pulling the power cord, always grip the plug firmly and disconnect it directly from the outlet. Repair or replace immediately all faulty or damaged service cables. Do not use cords with cracks or abrasion damage on the length of the cord or on the plug. When moving your refrigerator, take care not to roll over the electrical cord. The U.S. Department of Agriculture warns against storing flammable substances like aerosol cans in appliances, as it poses a risk of explosion. If you're no longer using this appliance, contact local authorities for safe disposal, as it contains Pentane-cycle gas and requires special handling. This product is not intended for children, people with disabilities, or those without experience to use alone. Before disposing of your old refrigerator, follow these steps: 1. Remove the doors. 2. Leave shelves intact to prevent entrapment. 3. Check if your appliance uses CFCs, which can harm the ozone layer; have a professional dispose of them properly. Don't remove the third prong from a three-prong outlet under any circumstances. Before working on your appliance, make sure it's disconnected from power and plug it back in after finishing. We don't recommend using extension cables but if you must, ensure they're UL/CSA listed, support 15 A and 120 V, and fit three-pronged plugs. Avoid sitting or climbing on drawers and keep them away from moving parts to prevent damage. The refrigerator features a simple control panel with an LED display showing temperatures, filter status, and more. The ICE PLUS function cools the freezer for 24 hours to increase ice production. The water and ice dispenser offers fresh filtered water and cubed or crushed ice. The door alarm will sound when the door is left open for over 60 seconds. The SPACEPLUS ICE SYSTEM produces up to 130 ice cubes in 24 hours, creating more shelf space. Crispers maintain humidity to keep vegetables fresh, while GLIDE'N'SERVE provides storage with adjustable temperature control. Other features include an auto-closing hinge and a mullion that folds in when the left door is opened. Note: This guide covers various models; some may have different features or locations. KEY PARTS AND COMPONENTS Apart from special features, there are other crucial components mentioned in this manual. These include: * ADJUSTABLE REFRIGERATOR SHELVING: shelves that can be adjusted to suit storage needs * GALLON STORAGE BINS: three interchangeable bins for flexible storage * REMOVABLE ICE STORAGE BIN: a bin that can be removed to fill ice buckets, coolers, or pitchers * LED INTERIOR LAMPS: interior lighting provided by an LED array * CAN STORAGE BIN: a fixed door bin * FRESH AIR FILTER (on some models): helps remove odors from the refrigerator When moving your refrigerator, use assistance from two or more people to avoid injury. The unit is extremely heavy and requires careful handling. Always pull it straight out when moving, rather than shifting or "walking" it. Remember to keep all flammable materials and vapors away from the refrigerator, as this can cause serious harm or even death. Additionally: * Avoid placing the unit near heat sources, direct sunlight, or humidity * Level the unit to avoid vibration; if necessary, adjust the leveling screws to compensate for an unleveled floor * Ensure the front is slightly taller than the rear to ensure proper door closure Install the refrigerator in an area with a temperature between 55 °F (13 °C) and 110 °F (43 °C). Carefully clean the unit after shipping, remove any dust accumulation, and install accessories in their proper places. Finally, leave the refrigerator on for 2 to 3 hours before storing food inside to ensure proper cooling. When assembling or repairing your refrigerator, it's crucial to exercise caution when handling specific components like hinges, base cover, and stops. Failure to do so may result in injury. Ensure to maintain a safe distance from the air vents, base cover, and bottom of the refrigerator, as entering these areas can cause harm or electrical shock. To avoid any damage or issues, follow these guidelines: - Keep the refrigerator at least 2" (5.08 cm) away from adjacent objects to ensure optimal performance and energy efficiency. - Before installation, remove all tape or temporary stickers and vinyl from doors before connecting the unit to the electrical supply. - Refrain from removing warning stickers, model serial numbers, or technical labels located on the back of the refrigerator. - Use a combination of fingers and liquid detergent to remove adhesive tape residue; avoid using sharp instruments, rubbing alcohol, flammable liquids, or abrasive cleaning products. The provided instructions also outline how to remove shelves, replace them according to your desired spacing, and perform other necessary adjustments. For more detailed information on safety precautions and installation procedures, refer to the specified section. To reinstall the Freezer Drawer Handle, start by placing it onto the door while aligning its footprints with the mounting fasteners. Then, use a 3/32 in (2.5 mm) Allen wrench to tighten the set screws at the bottom of the handle. Before removing any refrigerator doors, ensure you've disconnected the electrical supply as failure to do so could lead to death or serious injury. When working on the hinges, base grille, and stopper, be cautious not to injure yourself. Wire opening in cabinet top. Position cover into place. Insert and tighten cover screw (6). Left Door: Lower door onto middle hinge pin (7) ensuring proper alignment with cabinet. Fit top hinge (8) over hinge lever latch (9) and secure with clockwise rotation of lever (10). Install grounding screw (11) and connect all wire harnesses (12). Push water supply tube (13) into hole on top case, then pull it through backplate. Insert tube at least 5/8 in. (15 mm) into connector. Insert line clip onto tube until only one printed line remains. Pull tube to ensure secure fit. Assemble collet clip. If removing drawer: Pull out to full extension, lift durabase from rail system. Remove screws on both sides. When laying down drawer, be cautious of sharp edges and floor damage. To reinstall: Pull out rails, insert end of rib into bracket at left and right. Push down gently to align guides at front. Hook door supports into rail tabs. Lower door into final position and tighten the screws. With the rails pulled out to full extension, insert the durabase in the rail assembly. WARNING: To prevent accidental child and pet entrapment or suffocation risk, DO NOT allow them to play inside of drawer. WARNING: DO NOT step or sit down on Freezer Drawer. Closing the Doors Your refrigerator has two front leveling screws, one on the right and one on the left. If unstable or doors don't close easily, adjust inclination by following instructions: 1. Plug into 3 prong outlet. Move to final position. 2. Use flat head screwdriver to adjust screws, turning clockwise to raise side and counter-clockwise to lower it. Having someone push against top takes weight off leveling screws, making adjustment easier. 3. Open both doors and check they close easily. If not, tilt further back by turning both screws clockwise. Ensure same amount turns. 4. Use level to ensure evenness. Aligning the Doors Use included wrench to adjust bolt in door hinge (counter clockwise to raise or clockwise to lower). Press this button for at least 3 secundaz to turn on or off the Ice Plus function. To change the fridge temp, press the Fridge button. Note: Pressing both the Fridge and Freezer buttons together for more than 5 seconds will switch the temperature display from Fahrenheit to Celsius and vice versa. To adjust the freezer temp, press the Freezer button. Pressing the Fridge and Freezer buttons together for over 5 seconds will also change the temperature display. To control the Air Filter Function, press this button. Hold it down for more than 3 seconds to reset the filter indicator after replacing the air filter. Press this button to adjust the dispenser light. Holding it down for 3 secunds will reset the water filter indicator. Press and hold this button at least 3 seconds to lock or unlock all other function buttons on the control panel, including the dispenser operation. To adjust the freezer temperature, press the FREEZER button to cycle through available settings. For the refrigerator compartment, press the REFRIGERATOR button. It's essential to note that actual inner temperatures may vary depending on food status. Initial settings should be set at 37 °F (3°C) for the refrigerator and 0°F (-18°C) for the freezer. Leave these settings for 24 hours to stabilize before making adjustments. To switch temperature display from Fahrenheit to Celsius, press and hold both the FREEZER and REFRIGERATOR buttons simultaneously for more than 5 seconds. To deactivate Power-Saving Mode, press the FREEZER and ICE TYPE / ICE PLUS buttons simultaneously and hold them for 5 seconds until you hear a tone. Always fold in the refrigerator door mullion to prevent scratches. When dispensing ice or water, hold the glass or container in place for a couple of seconds after dispensing to catch any last few cubes or drops. The dispenser won't operate while either door is open. Press the WATER switch with a glass and chilled water will be dispensed. To control the dispenser light, press the LIGHT / WATER-FILTER button. To set the dispenser lock, follow specific instructions. To activate or deactivate the door alarm function, press the DOOR ALARM/LOCK button once. Note that if the alarm continues to sound after closing the doors, contact your local service center for assistance. Resetting the Filter Indicator: Replace the filter when the indicator light on the front dispenser reaches 0, especially if you notice a deterioration in water or ice cube taste. Activate ICE PLUS by pressing the ICE TYPE/ICE PLUS button once. This function runs the freezer compartment at its coldest setting for 24 hours to increase icemaking by up to 20%, and then turns off automatically. To deactivate ICE PLUS, press the button again. To diagnose any issues with your refrigerator, check the display panel for diagnostic codes. If a code appears during use, note it down and contact your Service Center. The FRESH AIR FILTER has two settings: Auto and MAX. In Auto mode, the filter will cycle on and off every 10 minutes; in MAX mode, it will stay on continuously for four hours. When the REPLACE icon turns on, replace the air filter, and then press and hold the Air Filter button for three seconds to turn the icon light off. It's recommended to change the air filter approximately every six months. The DOOR ALARM/LOCK button also locks the dispenser and control panel functions when pressed and held for three seconds. To unlock, press and hold again for three seconds. The button also controls the door alarm that sounds three times in 30-second intervals when a compartment door is left open for more than 60 seconds. To reset the filter indicator after replacing the water filter, press and hold the LIGHT/WATER FILTER button for more than three seconds. Place the ice bin inside the freezer compartment so the icemaker can continuously produce ice. Gently shake the ice bin from time to time to evenly distribute the ice within it. Sometimes, the ice accumulates near the icemaker, causing it to misread the amount of ice cubes and stop producing ice. Note that storing cans or other items in the ice bin may damage the icemaker. Ensure the ice compartment door is closed tightly. If not, cold air will leak into the refrigerator compartment, potentially freezing food and affecting the icemaker's performance. If you need to turn off the icemaker for an extended period, empty the ice bin to prevent melting and leakage from the dispenser. When handling the ice bin, keep your hands away from the blade, which has sharp edges that can cause injury. To remove the in-door ice bin, grip the front handle, lift the lower part slightly, and slowly pull it out as shown. To reinstall, tilt the bin during replacement to avoid contact with the icemaker. Avoid touching the Ice-detecting sensor when replacing the ice bin. When operating the icemaker, remember that the first few batches of ice may contain particles or odors from the water supply line or tank. Discard these initial batches (about 20 pieces) and purge the water line for 2 minutes after installation to eliminate air and odd tastes. Never store beverages or food in the ice bin for rapid cooling, as this may damage the icemaker or cause containers to burst. If discolored ice is dispensed, check the water filter and supply. Keep children away from the dispenser, and avoid using thin crystal glass or crockery to collect ice. **Ice Maker Safety and Adjusting Refrigerator Controls** 1. **Proper Ice Glass Distance**: Keep a glass at an appropriate distance from the ice outlet to avoid jamming or preventing ice dispensing. 2. **Refrigerator Cooling Time**: Allow 24 hours for the refrigerator to cool down completely before adding food, including milk, juice, and ice cream, to set optimal temperatures. 3. **Ice Dispensing Limits**: To prevent overheating, do not dispense ice continuously for more than 30 seconds; allow an 80-second pause between cycles. 4. **Temperature Adjustments**: If the refrigerator or freezer temperature is too warm or cold, adjust the settings in increments of one level every 24 hours until optimal temperatures are reached. 5. **Service Center Assistance**: In case of unexpected dispensing or appliance malfunction, turn off the water supply and contact your Service Center for assistance. To get the best out of your freezer conditions, you might need to adjust its settings. Try lowering the temperature by one notch and waiting for 24 hours before checking again. For storing fresh items, it's essential to keep them in airtight containers or wrap them tightly unless specified otherwise. This helps prevent food odors and tastes from spreading throughout the fridge. When it comes to dated products, always check the expiration date to ensure freshness. Specific storage guidelines include: * Butter or margarine should be stored in covered dishes or sealed compartments. * Cheese should be kept in its original packaging until ready for use. Once opened, rewrap it tightly with plastic wrap or aluminum foil. * Vegetables like carrots and peppers should be stored in bags or containers within the crisper. * Fresh fruit should be washed and dried before being placed in plastic bags. Berries, however, should not be washed or pitted until ready to eat. * Leafy vegetables require removal of original packaging, trimming any dirty parts, washing in cold water, and storing them in airtight containers within the crisper. * Fish and seafood should be consumed on the same day they're purchased. * Meat should be stored in its original airtight packaging. If necessary, rewrap it for better protection. * Leftovers can be covered with plastic wrap or aluminum foil. Plastic containers with airtight lids are also suitable. For freezing food effectively: * A great seal is crucial; remove excess air and prevent humidity from entering the package. * Use sealed plastic containers or those with smooth surfaces. * Aluminum foil with high resistance can also work well for packaging. * Wrap items in paper layered with plastic or use waterproof plastic bags. * Avoid using bread wrapping, non-safe plastic containers, containers without lids or seals, waxed paper, thin wrapping paper that's not waterproof, and the like. Remember, bottles should never be stored in the freezer compartment as they might burst upon freezing, causing damage. For maximum freezer efficiency, avoid storing excess food items. Large quantities of unfrozen foods should be stored within 24 hours, with no more than 2-3 pounds (0.91 kg - 1.36 kg) per square inch of freezer space. Leave sufficient room for air circulation and ensure the refrigerator can close easily. Storage times may vary depending on food type, quality, packaging, temperature, and humidity. Before freezing warm foods, let them cool to room temperature for about 30 minutes, then wrap and store as usual. This helps conserve energy. When using dry ice, which produces carbon dioxide (CO2), ensure proper ventilation to avoid dizziness, headaches, or unconsciousness. Adjust your refrigerator shelves according to storage needs, considering glass or wired shelving. Storing foods together and adjusting shelf heights makes it easier to find what you need and keeps the refrigerator shut longer, saving energy. Important: Glass shelves should not be cleaned with hot or warm water, as this may cause them to break due to rapid temperature changes. Instead, clean them when cold. When moving or relocating shelves, be cautious as they can be heavy. If necessary, find a safe environment to prevent damage during relocation. Stored food to spoil. Sliding Shelves: Some fridge models have shelves that can slide inwards or outwards. To move a shelf towards the outside, pull it towards you. To move it towards the inside, push until it stops. Removing a shelf from a metal frame involves pulling it, inclining the front towards the top, and then lifting it. To put the shelf back, reverse these steps. Functional Shelves (also known as Folding Shelves in some models) allow for storing tall items like gallons or bottles by folding the shelf in half. The humidity control lets you adjust moisture levels between "High" for vegetables and "Low" for fruits. Removing or replacing the crisper involves sliding it out, lifting the front up, then pulling it straight out. To install, tilt the front slightly upwards and insert the drawer into the frame while pushing it back into place. Be careful with the glass cover as it might break if not handled properly. Helps keep food fresh for a longer time by maintaining a consistent temperature, ideal for freezers at 0°F (-18°C) and refrigerators at 37°F (3°C). The Glide'N'Serve feature also allows for a temperature setting around 41°F(5°C), which helps to keep food fresh. This temperature control helps in keeping the food fresh for an along time. The door racks are removable for easy cleaning and adjusting. To remove the rack, simply lift it up and pull it straight out. To replace the rack, slide it in above the desired support button and push down until it stops. The baskets should be securely assembled to avoid any accidents or injuries caused by sharp corners. When loading food onto a rack, make sure it's firmly placed. The dairy compartment is also removable for easy cleaning. To remove it, lift it up and pull it straight out. To replace the compartment, slide it in above the desired location and push down until it stops. The dispenser drip tray does not have a self-draining function, so it should be cleaned regularly. Messages regarding safety are essential. The symbol displayed serves as a warning to potential risks that could lead to death, injury, or damage to yourself, others, or the product. All safety messages will follow this symbol and the words "DANGER", "CAUTION", or "WARNING". Caution is advised when using this appliance, particularly for children, individuals with disabilities, those with reduced sensory or mental capacity, or inexperienced users, unless supervised by an adult. **Refrigerator Installation** **WARNING**: Disconnect electrical supply before installing to avoid death or serious injury. **Door Reinstallation**: Install right-side door first. Lower onto middle hinge pin, ensuring alignment with cabinet. Fit top hinge over hinge lever latch and secure with clockwise rotation. Install grounding screw and connect wire harnesses. **Water Supply Tube**: Insert tube into connector, at least 5/8 in. (15 mm) deep. Hook cover under wire opening and insert/tighten cover screw. **CAUTION**: Collet tube insertion: insert until only one line is visible, then pull to secure. **Pull-Out Drawer Removal/Installation**: Remove screws from rail on both sides. Push tabs and lift rear left/right drawer sides to pull out (Fig. 1). Hold center of bar and push rails back into drawer cavity simultaneously (Figs. 7-8). Lower door into final position and tighten screws (Fig. 11). **Door Supports**: Hook supports into rail tabs (Fig. 10). Push rails back into drawer cavity. **Aligning Doors**: Use wrench to adjust bolt in door hinge to raise or lower height. **Closing and Aligning Doors**: Your refrigerator has two front leveling screws, one on the right and one on the left. **Using Your Refrigerator Control Panel Features**: The LED display may not match your model. The LED display on your refrigerator shows various settings, including temperature, dispenser options, water filter status, door alarm messages, and locking information. You can adjust these settings or activate features like Ice Plus mode by pressing buttons. To select Cubed Ice or Crushed Ice, press and hold the ICE TYPE / ICE PLUS button for at least 3 seconds. This will also toggle the Ice Plus mode on and off. The LED display shows the selected ice type, and you can dispense it using the push switch with a glass or container. The temperature settings are displayed in Celsius or Fahrenheit, and you can adjust the Freezer Temperature by pressing the FREEZER button to cycle through available options. In some models, there's a power-saving mode that turns off the display after 20 seconds of inactivity. To dispense water or crushed ice, press the corresponding switches with a glass or container. Pressing the WATER switch illuminates a light and dispenses chilled water. For Crushed Ice, press the ICE TYPE / ICE PLUS button to illuminate the icon, then press the push ice switch to dispense. You can also set features like the dispenser lock by pressing and holding buttons for 3 seconds. Always empty the ice bin when setting the icemaker to Off for more than a few hours to prevent melting and leakage. Remember to keep hands and tools out of the ice compartment door and dispenser chute to avoid breakage or injury. The SpacePlus Ice System warns against accessing these areas, as they can be hazardous. Additionally, the automatic icemaker produces ice that's sent to the dispenser, so it's essential to follow guidelines for safe operation. Make batches of ice cubes frequently to maintain a high quantity throughout the day. This can vary based on factors such as freezer temperature, room conditions, and operating settings. Consult your refrigerator's guide for adjusting control settings. Allow the refrigerator ample time to cool down before adding food, ideally waiting 24 hours. The controls should be set correctly when milk or juice is chilled to preference and ice cream is firm. For storing fresh food: - Use sealed plastic containers with smooth surfaces. - Package items in high-resistance aluminum foil or wrapped with paper and plastic. - Utilize water-proof plastic bags for frozen foods. In some models, adjust sliding shelves by pulling towards the outside or pushing until it stops. If removing or replacing the Glide'N'Serve drawer, follow specific instructions to avoid accidents. Ensure the freezer section is safe for all users. Keep children and pets away from the area to prevent suffocation. Use caution when handling baskets with sharp corners. For ice bin maintenance: - Pull out the drawer as far as possible. - Raise the ice box and remove it carefully. - Reinstall by placing the ice bin in its designated position. Remember to handle your refrigerator with care, unplugging it before cleaning to avoid electrical shock or explosion hazards. IF YOU DONT FOLLOW THESE INSTRUCTIONS, IT COULD CAUSE BIG PROBLEMS, LIKE DEATH OR A FIRE! NOTE: ONLY A QUALIFIED TECHNICIAN SHOULD REMOVE THE BACK COVER. WHEN MOVING YOUR REFRIGERATOR AND FREEZER, THEY WILL DO THEIR OWN DE-FOZING. HERE ARE SOME TIPS TO KEEP IN MIND: IF THERE IS A POWER OUTAGE, CALL YOUR ELECTRIC COMPANY AND ASK HOW LONG IT WILL LAST. IF IT'S FOR LESS THAN 24 HOURS, JUST LEAVE THE REFRIGERATOR CLOSED, SO THE FOOD STAYS FRESH. BUT IF IT'S GOING TO BE LONGER, YOU CAN PULL OUT ALL THE FROZEN FOOD AND KEEP THEM IN AN ICE CHEST. TO REPLACE THE WATER FILTER, DO THIS: REMOVE THE OLD CARTRIDGE EVERY 6 MONTHS OR WHEN THE INDICATOR LIGHT TURNS OFF, THEN INSERT A NEW ONE. FLUSH THE SYSTEM WITH 2.5 GALLONS OF WATER AFTER REPLACEMENT. HERE ARE SOME IMPORTANT NOTES: * DON'T OPEN THE REFRIGERATOR COVER AT FULL ANGLE IF YOU WANT TO REMOVE THE CARTRIDGE EASILY. * WHEN REPLACING THE FILTER, IT'LL TAKE AROUND 1 OZ OF WATER TO FLUSH OUT. SO JUST BE PREPARED FOR THAT. * AFTER REPLACING THE FILTER, WAIT FOR 5 MINUTES TO FLUSH OUT ALL THE OLD WATER BEFORE USING IT AGAIN. CHECK THE FILTER FOR LEAKS AND MAKE SURE YOU RESET THE DISPLAY LIGHT BY PRESSING THE BUTTON FOR AT LEAST 3 SECONDS. DON'T FORGET TO KEEP THE FILTER BYPASS PLUG! 1. Check water supply and connect line to the appliance, adding 8 feet (2.4 m) to the measurement between valves and the water source. 2. Drill a 1/4" (6.35 mm) hole in the pipeline and remove any jagged edges; ensure no water enters the drill area. 3. Connect the pipeline to the valve, securing it with a compression nut and copper pipe ferule. 4. Insert the pipe into the valve and tighten the nut carefully. 5. Remove the ring plug from the top valve and attach the pipeline securely. 6. Place the compression nut and ferule at the end of the pipeline and insert it into the connection valve as far as possible, while holding tightly. 7. Turn on the ice maker switch to establish a connection. It's normal for some water to accumulate in the bin due to the humid weather. The water may take a while to evaporate, which is typical during hot and humid conditions. The refrigerator might be producing unusual sounds, but these could be within normal parameters for your specific model. For more information, refer to the "Understanding Sounds You May Hear" section. If you experience any issues with your LG refrigerator, it's equipped with a Smart Diagnosis feature that can transmit data via your phone to the LG service center. This allows you to speak directly with trained specialists who will analyze the problem using the transmitted data, providing a fast and effective diagnosis. LG offers a limited warranty for its refrigerators in the United States and Canada. If your product fails due to a defect in materials or workmanship during normal home use within the specified warranty period, LG will repair or replace it at their option. To register your LG product online, visit www.lg.com. Follow these important safety measures when using your refrigerator: Never pull the power cord to disconnect the fridge; instead, grip the plug firmly and unplug it directly from the outlet. Replace or repair any damaged service cables immediately. When moving the fridge, be careful not to roll over the electrical cord. Don't store or use gasoline or other combustible liquids near this appliance. Keep children away from the doors and shelves of the refrigerator, as they can cause serious injury or damage. Also, avoid letting them climb or swing on the doors. Keep your fingers away from areas where they could get caught, such as the doors and hinges. Be cautious when closing the doors, especially with children nearby. Unplug the fridge before cleaning or repairing it; we recommend hiring a qualified professional for any repairs. Don't store bottles in the freezer compartment, as they can explode and cause damage. Ensure your refrigerator is properly grounded by having a qualified professional check the electrical circuit and outlet. Read all instructions carefully before using the product. Avoid touching cold surfaces with damp or wet hands, as this could cause skin irritation. When using an automatic ice dispenser, avoid contact with moving parts of the ejector mechanism or the heating mechanism that discharges cubes. Never place your fingers or hands in the ice dispenser while it's connected. Don't refreeze foods that have already thawed unless they contain ice crystals or are cold and below 40°F (4°C). Discard any perishable food, seafood, or ground beef with off smells or colors, as well as melted ice cream. Refrozen products should be consumed as soon as possible to maintain their quality. Remember to keep these instructions handy for important safety information. This product contains chemicals known to the State of California to cause cancer. Wash your hands after handling it. Don't store explosive substances, such as aerosol cans with flammable propellants, in this appliance. If you're no longer using this unit, contact local authorities for safe disposal. It contains Pentane-cycle or pentane-like gas for insulation, which requires a special elimination process. This product has flammable insulation. Important Safety Instructions: 1. Ground Connection Requirements: - Page 33 (English Version) - Page 46 (Spanish Version) 2. Parts and Features: - Unpacking: Page 8 - Installation: Pages 8-15 3. Using Your Refrigerator: - Control Panel Features: Pages 16-27 - The LED Display: Page 17 - Adjusting Temperatures and Display, Operating the Dispenser, Setting Functions, Spaceplus Ice System, Automatic Icemaker: Pages 18-22 - Food Storage Guide: Page 23 4. Refrigerator Care and Cleaning: - Refrigerator Cleaning: Pages 28-34 - Outside: Page 28 - Inside Walls: Page 28 - Door Lining & Gaskets: Page 28 - Plastic Parts (Covers and Panel): Page 28 - Back Cover: Page 28 - Replacing Refrigerator Lights: Page 28 5. Troubleshooting Guide: - Smart Diagnosis: Page 41 - Warranty: Pages 42-43 BEFORE DISPOSING YOUR OLD REFRIGERATOR OR FREEZER WHEN NO LONGER IN USE: * Remove the doors. * Leave the shelves in place so that children cannot easily become stuck in them. YOUR OLD REFRIGERATOR MAY HAVE A COOLING SYSTEM THAT USES CFC'S (CHLOROFLUOROCARBOONS). CFC AFFECTS THE STRATOSPHERIC LAYER OF THE OZONE. IF YOU DECIDE TO THROW OUT YOUR OLD REFRIGERATOR, ENSURE THAT CFC CONTAMINANTS ARE PROPERLY DISPOSED OF BY A QUALIFIED PROFESSIONAL. FOR YOUR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED. HAVE A QUALIFIED ELECTRICIAN CHECK YOUR WALL OUTLET TO ENSURE THAT THE PLUG IS GROUNDED PROPERLY. * Your refrigerator must always be plugged to its own outlet which is adequately grounded. * Do not use an extension cable. * If you still choose to utilize an extension cable, it is absolutely necessary that it is listed in the UL (in the United States) or CSA (in Canada), that it supports three-pronged plugs and that the electrical current support a minimum of 15 A and 120 V. IF THE POWER CORD IS DAMAGED, IT MUST BE REPLACED BY OUR SERVICE CENTER OR QUALIFIED LG TECHNICIAN TO AVOID ANY RISK. Caution: Ground Connection Requirements for Safe Disposal Warning: Do not sit or climb on the drawers. Keep a safe distance from moving drawers to avoid accidents. Important Safety Precautions: * Avoid being knocked down by moving drawers. * Be careful not to get injured. * Ensure proper handling of the drawers to prevent damage. Contact Information: For USA, Consumer User: 1-800-243-0000 For USA, Commercial User: 1-888-865-3026 For CANADA: 1-888-542-2623 Visit LG Customer Information Center at www.lg.com to register your product online.